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NOTICE OF ALLOWANCE AND FEE(S) DUE

30223 7590 08/13/2003  
JENKENS & GILCHRIST, P.C.  
225 WEST WASHINGTON  
SUITE 2600  
CHICAGO, IL 60606

INTELLECTUAL PROPERTY

AUG 19 2003

JENKENS & GILCHRIST

EXAMINER

SHAPIRO, JEFFERY A

ART UNIT

CLASS-SUBCLASS

3653

194-206000

DATE MAILED: 08/13/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/635,967	08/10/2000	Robert J. Klein	47171-00272	6269

TITLE OF INVENTION: METHOD AND APPARATUS FOR DOCUMENT PROCESSING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$0	\$1300	11/13/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status.  
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



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09/635,967	08/10/2000	Robert J. Klein	47171-00272	6269
30223	7590	08/13/2003	EXAMINER	
JENKENS & GILCHRIST, P.C. 225 WEST WASHINGTON SUITE 2600 CHICAGO, IL 60606			SHAPIRO, JEFFERY A	
			ART UNIT	PAPER NUMBER
			3653	

DATE MAILED: 08/13/2003

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 154 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 154 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (<http://pair.uspto.gov>)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



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JENKENS & GILCHRIST, P.C. 225 WEST WASHINGTON SUITE 2600 CHICAGO, IL 60606 UNITED STATES			SHAPIRO, JEFFERY A	
			ART UNIT	PAPER NUMBER
			3653	

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## Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: <http://www.uspto.gov/main/howtofees.htm>.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

**Notice of Allowability**

Application No.

09/635,967

Examiner

Jeffrey A. Shapiro

Applicant(s)

KLEIN ET AL.

Art Unit

3653

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/27/03.
2. ☒ The allowed claim(s) is/are 158, 169-173, 181 and 209-213.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892)   | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)          |
| 3 <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                  | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____             |
| 5 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. <u>19, 22, 13</u> | 6 <input type="checkbox"/> Examiner's Amendment/Comment                             |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material          | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
|   | 9 <input type="checkbox"/> Other  |

**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 1-10-10 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_  
☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ 1 full-tone set is required. Fig(s) \_\_\_\_\_  
☐ Photographs may not be mounted. 37 CFR 1.84(c)  
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_  
☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(c)

☐ Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_  
☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

☐ 21.0 cm by 29.7 cm (DIN size A4) or  
☐ 21.6cm by 27.9cm (8 1/2x 11 inches)  
☐ All drawing sheets not the same size. Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

☐ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☒ Margins not acceptable. Fig(s) 1

☐ Top (T) ☐ Left (L)  
☐ Right (R) ☐ Bottom (B)

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1A

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_  
☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_

☒ Figure legends are poor. Fig(s) 2, 9, 10  
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate. Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

**COMMENTS:**

Reviewer \_\_\_\_\_

Date \_\_\_\_\_

If you have questions, call (703) 305-8404.

Attachment to Paper No. \_\_\_\_\_

### **REASONS FOR ALLOWANCE**

These comments are made in addition to the remarks in Applicant's specification and arguments, concerning the manner in which the invention distinguishes from the art discussed therein. The Examiner notes that the prior art does not disclose or suggest the claimed combination including particularly plural output receptacles adapted to receive bills after evaluation, a transport mechanism to transport bills from an input receptacle to one of the plural output receptacles, a discriminating unit being located along the transport path between the input and output receptacles, the discriminating unit adapted to determine any one of a plurality of error conditions corresponding to the bills when the denomination of a bill can not be identified, said error conditions including a no call error condition, a memory adapted to store information concerning one of a number of modes of operation, at least one mode being a user-defined mode, capable of subsequent recall and selection by a user, an interface adapted to permit the user to define a user defined mode of operation, the interface allowing the user to specify how the device is to operate and how the plural error conditions are to be handled, the information being stored in a memory, said modes being able to be selected by a user through a mode selection element. The prior art lacks this structure or anything equivalent to it.

The foregoing is an Examiner's Statement of Reasons for Allowance.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey A. Shapiro whose telephone number is (703)308-3423. The examiner can normally be reached on Monday-Friday, 9:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald P. Walsh can be reached on (703)306-4173. The fax phone numbers for the organization where this application or proceeding is assigned are (703)306-4195 for regular communications and (703)306-4195 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)308-1113.

Application/Control Number: 09/635,967  
Art Unit: 3653

Page 4

Jeffrey A. Shapiro  
Patent Examiner,  
Art Unit 3653

DONALD P. WALSH  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600

August 11, 2003

**PATENT ALLOWANCE CHECKLIST**

ATTY: \_\_\_\_\_

Docket: \_\_\_\_\_ / \_\_\_\_\_

APPLN. SER. NO. \_\_\_\_\_

Use this checklist to double check a file after a Notice of Allowance is received and prior to sending a letter to the client regarding the Notice of Allowance and paying the ISSUE FEE. The following must be checked off and signed by an ATTORNEY:

If the answer to questions 1-14 is "YES", please handle and add an appropriate paragraph to the allowance letter to the client.

		YES	NO
1.	Any assignment . . .		
	a) to be filed?		
	b) to be copied and returned to client		
	c) to be requested back from PTO		
	d) needed from client		
2.	Record Reel and Frame Number here . . . Reel - _____ Frame - _____	--	--
3.	Any foreign priority claim(s) and/or documents . . .		
	a) to be filed?		
	b) to be requested from client?		
	c) acknowledgment needed from PTO?		
4.	Any divisionals need to be filed before issuance? (Research any known/potential competitors)		
5.	Have claim amendments/cancellations caused a need to delete or add inventor(s)?		
6.	Any continuation or CIP to be filed before issuance? (Research any known/potential competitors)		
7.	Any drawing problems to be resolved?		
8.	Any Small Entity Declaration to be filed?		
9.	Is any large or small entity status still valid?		
10.	Has any Form PTO-1449 not been returned and signed by the Examiner?		
11.	Any foreign filing still possible and desired by client?		
12.	Is a supplemental declaration necessary or desirable?		
13.	Are the number of claims allowed incorrect on the Notice?		
14.	Are any foreign search reports due?		
15.	Any possible § 312 Amendments due?		
16.	List known or potential infringers:		

If the answer to the following questions is "NO", please handle immediately:

		YES	NO
17.	If this is a CIP, has the Examiner been advised of <u>all</u> publications/public uses/on-sales of parent subject matter which occurred more than 1 year before the CIP was filed, including all publications of parent-corresponding foreign applications filed more than 30 months before the CIP? (30 mos = 18 mos publication of priority appln + 1 yr) (In re Ruscetta 118 PQ 101)		
18.	To our knowledge, are all relevant documents, including those cited in corresponding foreign applications, cited in this case?		
19.	Has reference been made in the signed declaration (except for Rule 60, 62 cont/div) and specification to <u>all</u> parent cases?		
20.	Is priority complete and correct on Declaration?		
21.	All priority claims timely made.		
22.	The file has been reviewed relative to prior correspondence and the standard Form letter has been modified accordingly.		
23.	Client has given instructions to pay the issue fee.		

ATTY SIGNATURE: \_\_\_\_\_